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Substitute for form 1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 71608-02

First Named Inventor Strand et al

COMPLETE IF KNOWN

Application Number 10/706,669

Filing Date 11/12/2003

Group Art Unit 1714

Sheet

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of

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Examiner Name

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
P.S.		2,012,267		Carothers	08-27-1935
↕		4,873,270		Aime et al	10-10-1989
↓		6,326,435		Takayama et al	12-04-2001
P.S.		6,482,872		Downie	11-19-2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Office Action dated 2/03/2005 for Serial No. 10/086,905 filed on 2/28/2002	
		Office Action dated 10/01/2004 for Serial No. 10/722,870 filed on 11/26/2003	

Examiner Signature	Peter Sabely	Date Considered	6/1/05
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Attorney Docket Number 71608

First Named Inventor Strand et al.

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Application Number 10/706,669

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		Number	Kind Code ² (if known)		
P.S.		36,548		Noda (Re-exam)	02-01-2000
✓		2001/0027225	A1	Downie	10-04-2001
		2002/0061944	A1	Asrar et al	05-23-2002
		2003/0145518	A1	Noda et al	08-07-2003
		2003/0212244	A1	Hayes et al	11-13-2003
		2004/0024101	A1	Hayes	02-05-2004
		2004/0024102	A1	Hayes et al	02-05-2004
		2004/0039092	A1	Asrar et al	02-26-2004
		2004/0068059	A1	Katayama et al	04-08-2004
		2004/0152810	A1	Takenaka et al	08-05-2004
		5,489,470		Noda	02-06-1996
		5,498,692		Noda	03-12-1996
		5,502,116		Noda	03-26-1996
		5,536,564		Noda	07-16-1996
		5,602,227		Noda	02-11-1997
		5,618,855		Noda	04-08-1997
		5,703,160		Dehennau et al	12-30-1997
		5,958,581		Khanarian et al	09-28-1999
		6,077,931		Noda	06-20-2000
		6,127,512		Asrar et al	10-03-2000
		6,160,199		Noda	12-12-2000
		6,174,990	B1	Noda	01-16-2001
		6,231,970	B1	Anderson et al	05-15-2001
P.S.		6,350,530	B1	Morikawa et al	02-26-2002

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Peter Sahel

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				First Named Inventor	Strand et al.
		COMPLETE IF KNOWN			
		Application Number		10/706,669	
		Filing Date		November 12, 2003	
		Group Art Unit		1714	
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P.S.		6,569,990	B1	Noda	05-27-2003
P.S.		6,620,869	B2	Asrar et al	09-16-2003
P.S.		6,787,245	B1	Hayes	09-07-2004

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
P.S.		EP	1 375 556	A2	The Proctor & Gamble Company	02-01-2004	
		JP	1-138260	A	Mitsui Petrochemical Industries, Ltd.	05-31-1989	✓
		JP	9-217014		Tsutsunaka Plastic Industry Co. Ltd.	08-19-1997	✓
		JP	2002-275217	A	Sumitomo Chemical Co., Ltd.	09-25-2002	✓
		JP	2003-171537	A	Toyobo Co. Ltd.	06-20-2003	✓
		JP	2003-277592	A	Lonseal Corp.	10-02-2003	✓
		WO	95/14734		Eastman Chemical Company	06-01-1995	
		WO	95/20614	A1	The Proctor & Gamble Company	08-03-1995	
		WO	97/10302		Eastman Chemical Company	03-20-1997	
		WO	97/49757	A	Eastman Chemical Company	12-31-1997	
		WO	99/23146	A1	Monsanto Company	05-14-1999	
		WO	99/47605	A	Eastman Chemical Company	09-23-1999	
		WO	00/37544	A1	The Proctor & Gamble Company	06-29-2000	
P.S.		WO	2004/029147	A1	Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek Tno	04-08-2004	

OTHER - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

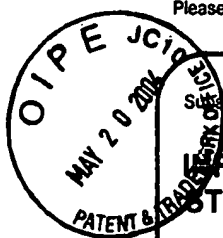
Examiner Signature	Peter Sotag	Date Considered	6/1/05
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Attorney Docket Number	71608-02
First Named Inventor	Strand et al.
COMPLETE IF KNOWN	
Application Number	10/706,669
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Group Art Unit	
Examiner Name	

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
P.S.		10/722,870		Strand et al	
		5,290,631		Fleury et al	03-01-1994
		5,534,570		Shih et al	07-09-1996
		5,589,126		Shih et al	12-31-1996
P.S.		6,632,390		Shelby et al	10-14-2003

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
P.S.		GB	815 991		Union Carbide Corporation	07-08-1959	
P.S.		GB	1 323 478		Stamcarbon N.V.	09-18-1973	
P.S.		JP	2000-327891		Tsutsunaka Plastic Industry Co. Ltd.	11-28-2000	✓

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
P.S.		Elias, H., <u>Macromolecules</u> , Plenum Press: NY, 1977, p. 391	

Examiner Signature	Peter Sekeš	Date Considered	6/1/01
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		Number	Kind Code ² (if known)		
P.S.		10/086,905		Moskala et al	03-27-2003
		2,044,612		Jaeger	06-16-1936
		3,186,961		Sears	08-01-1965
		3,658,978		Ancker	04-25-1972
		3,873,496		Hills	03-25-1975
		3,883,478		Gresham	05-13-1975
		4,045,431		Fagerburg	08-30-1977
		4,258,153		Yomamoto et al.	03-24-1981
		4,340,526		Petke et al	07-20-1982
		4,391,938		Memon et al	07-05-1983
		4,450,250		McConnell et al	05-22-1984
		4,506,043		Ogawa et al	03-19-1985
		4,814,426		Utsumi et al	03-21-1989
		4,837,254		Branscome	06-06-1989
		4,963,418		Isaka et al	10-16-1990
		4,996,291		Yoshinaka et al	02-26-1991
		5,017,680		Sublett	05-21-1991
		5,256,714		Liu et al.	10-26-1993
P.S.		5,399,595		Sublett et al	03-21-1995

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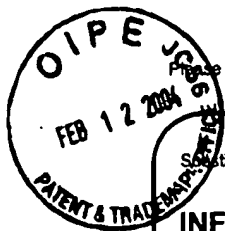
Peter Fuchs

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P.S.	5,484,632	Mercer, Jr., et al	01-16-1996
↑	5,532,049	Masuda et al.	07-02-1996
	5,624,987	Brink et al	04-29-1997
	5,654,347	Khemani et al	08-05-1997
	5,696,176	Khemani et al	12-09-1997
	5,824,398	Shih	10-20-1998
	5,859,116	Shih	01-12-1999
	5,900,322	Buchanan et al	05-04-1999
	5,928,788	Riedl	07-27-1999
	5,965,648	Brink et al.	10-12-1999
	5,998,005	Kanno	12-07-1999
	6,025,061	Khanarian et al	02-15-2000
	6,054,551	Cornell et al	04-25-2000
	6,068,910	Flynn et al	05-30-2000
	6,103,857	Jones et al	08-15-2000
↓	6,551,688	Moskala et al.	04-22-2003
P.S.	6,551,699	Flynn	04-22-2003

Examiner Signature	Peter Szekeles	Date Considered	6/1/05
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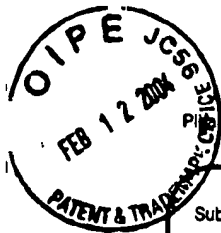
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	† ⁶
		Office ²	Number ⁴	Kind Code ³ (if known)			
P.S.		GB	805,588		Goodyear Tire & Rubber	12-10-1958	
		GB	805 586	A	Goodyear Tire & Rubber	12-10-1958	
		GB	805 587		Goodyear Tire & Rubber	12-10-1958	
		WO	87/03291	A	Eastman Kodak Company	06-04-1987	
		JP	4-117432		Uenomachi et al	04-17-1992	✓
		WO	94/28061	A	Zeneca Ltd.	12-08-1994	
		JP	7-278418	A2	Kitamura et al	10-24-1995	✓
		EP	0 724 947	A1	Toray Industries, Inc.	08-07-1996	
		JP	8-283547	A	Ozawa	10-29-1996	✓
		EP	0 744 439	A1	Idemitsu Petrochemicals Co.	11-27-1996	
		JP	9-40823	A	Nishimura et al	02-10-1997	✓
		JP	9-66590	A2	Kimata	03-11-1997	✓
		JP	9-272191	A	Kunimaru et al.	10-21-1997	✓
		WO	97/42260		Pagani	11-13-1997	✓
		JP	00186191	A	Suda	07-04-2002	✓
		EP	1 054 038	A1	Tokunaga et al.	11-22-2000	✓
P.S.		JP	2000-336256	A	Ishimaru	12-05-2000	✓

Examiner Signature	Peter Szelkety	Date Considered	6/1/05
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Group Art Unit

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of

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		JP	2001-18344	A	Sasaki et al	01-23-2001	✓
		JP	2002-53740	A	Murata	02-19-2002	✓
		WO	02/28967	A1	Kurauchi	04-11-2002	✓
		JP	2002-121362	A	Murata	04-23-2002	✓
		JP	2002-129483	A	Tunakia et al.	05-09-2002	✓
		JP	2003-128890	A	Nishida et al.	05-08-2003	✓
		JP	2003-128894	A	Komatsu et al.	05-08-2003	✓
		JP	2003-128773	A	Nishida et al	05-08-2003	✓
		JP	2003-128889	A	Nishida et al	05-08-2003	✓
		JP	2003-154539	A	Komatsu et al.	05-27-2003	✓
		JP	2003-155402	A	Kurauchi	05-30-2003	✓
		JP	2003-155401	A	Komatsu et al.	05-30-2003	✓
		DE	100 40 691	A1	Arnold	02-28-2002	✓
		JP	2000-136294	A	Suda et al	05-16-2000	✓
		JP	7-60924	A	Mimasu et al.	03-07-1995	✓
		JP	2001-279068	A	Fujino et al.	10-10-2001	✓
		JP	2003-191266	A	Ohama et al.	07-08-2003	✓
		JP	2002-129002	A	Fujino et al.	05-09-2002	✓
		JP	2001-354842	A	Ueda et al.	12-25-2001	✓
		JP	10-291225	A	Yokomizu et al.	11-14-1990	✓

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Group Art Unit

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Peter Srethly

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